



NITFS Compliance Registration



Product: Space Imaging Controlled Base Image System
(CIBS) Version 1.0

Sponsor: Space Imaging

Developer: Raytheon

Date: 22 February
Expiration: 2006
Registration #: 21 February
2008
347

- ☐ Initial Registration
☒ Supplemental/Update #39
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☒ **Component**
N-0105/98, §4.1.3

NITFS Features Implemented:

Format

- NITF**
☐ V2.1
☒ V2.0
☐ V1.1
NSIF
☐ V1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ QT1
☐ Q8S
☐ MTF

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

- ☐ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☐ JPEG 2000
☐ BiLevel
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☒ Registered Extensions **

Tagged Record Extensions

- ☒ RPFHDR
☒ RPFIMG
RPFDES

Legend
Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- SGI Origin, IRIX 6.5
- SGI Octane, IRIX 6.5

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.